

WHAT IS CLAIMED IS:

1. A submarine, comprising: a pressure hull; an outer pressure container disposed in said pressure hull; a liquid gas pressure container storing liquid oxygen (LOX), said liquid gas pressure container being arranged within said pressure hull of the submarine and surrounded by said outer pressure container; and means provided which on exceeding a predefined pressure within one of
5 said liquid gas pressure container and said outer pressure container lead fluid from said pressure container out of said pressure hull.
2. A submarine according to claim 1, further comprising conduits leading fluid gas supplied from the liquid gas pressure container and fittings, including an evaporator, said outer pressure container encompassing all of said conduits and fittings.
3. A submarine according to claim 1, wherein said means includes a conduit provided at said outer pressure container, said conduit leading out of said pressure hull of the submarine and being blocked off by way of a safety means.
4. A submarine according to claim 3, wherein said safety means comprises a pressure relief valve.
5. A submarine according to claim 3, wherein said safety means is a rupture disk.

6. A submarine according to claim 1, wherein said means includes a pressure-increasing means includes means to ensure a leading-away of fluid out of said outer pressure container even in a submerged condition of the pressure hull.

7. A submarine according to claim 1, wherein said means includes means which upon exceeding a predefined pressure in said liquid gas pressure container lead gas and/or LOX to the outside of the pressure hull.

8. A submarine according to claim 1, with which the pressure increasing means functions whilst making use of the pressure prevailing in the outer pressure container and/or in the liquid gas pressure container.

9. A submarine according to claim 1, wherein said liquid gas pressure container is dimensioned such that its allowable operating excess pressure corresponds at least to the pressure at the submerged depth of the submarine.

10. A submarine according to claim 1, wherein said outer pressure container is dimensioned such that its allowable operating excess pressure corresponds at least to the pressure at the submerged depth of the submarine.

11. A submarine according to claim 1, further comprising a shut-off valve arranged within the outer pressure container, said shut-off valve being provided for a gas conduit leading

out of the outer pressure container into the pressure hull.

12. A submarine according to claim 11, wherein said shut-off valve is controlled in dependence on a gas concentration in the pressure hull.

13. A submarine according to claim 1, further comprising a gas sensor provided for determining the gas concentration within said pressure hull.

14. A submarine according to claim 11, further comprising a control which activates the shut-off valve to close on exceeding a predefined gas concentration in the pressure hull.

15. A submarine according to claim 11, wherein at least one pressure sensor or gas sensor is arranged within the outer pressure container, and means which on detecting an increased pressure or increased gas concentration in the outer pressure container or in a fittings space of the outer pressure container, blocks off the supply of liquid gas out of the liquid gas pressure container.

16. A submarine, comprising:

a pressure hull;

an outer pressure container disposed in said pressure hull;

a liquid gas pressure container arranged within said pressure hull of the submarine and surrounded by said outer pressure container;

pressure threshold means associated with one or both of said liquid gas pressure container and said outer pressure container for detecting pressure within one of said liquid gas pressure container and said outer pressure container exceeding a predefined threshold and for moving a portion of fluid from said pressure container out of said pressure hull.

17. A submarine according to claim 16, further comprising conduits leading fluid gas supplied from the liquid gas pressure container and fittings, including an evaporator, said outer pressure container encompassing all of said conduits and fittings.

18. A submarine according to claim 17, wherein said pressure threshold means includes a conduit provided at said outer pressure container, said conduit leading out of said pressure hull of the submarine and being blocked off by way of a safety means comprising a pressure relief valve including a rupture disk.

19. A submarine according to claim 18, wherein said pressure threshold means includes a pump to pump fluid out of said outer pressure container even in a submerged condition of the pressure hull.

20. A submarine according to claim 18, further comprising a shut-off valve arranged within the outer pressure container, said shut-off valve being provided for a gas conduit leading out of the outer pressure container into the pressure hull, wherein said shut-off valve is controlled in dependence on a gas concentration in the pressure hull.